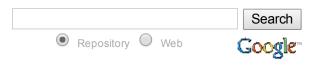


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Flags Data Set

Download: Data Folder, Data Set Description

Abstract: From Collins Gem Guide to Flags, 1986



Data Set Characteristics:	Multivariate	Number of Instances:	194	Area:	N/A
Attribute Characteristics:	Categorical, Integer	Number of Attributes:	30	Date Donated	1990-05- 15
Associated Tasks:	Classification	Missing Values?	No	Number of Web Hits:	101853

Source:

Creators:

Collected primarily from the "Collins Gem Guide to Flags": Collins Publishers (1986).

Donor:

Richard S. Forsyth 8 Grosvenor Avenue Mapperley Park Nottingham NG3 5DX 0602-621676

Data Set Information:

This data file contains details of various nations and their flags. In this file the fields are separated by spaces (not commas). With this data you can try things like predicting the religion of a country from its size and the colours in its flag.

10 attributes are numeric-valued. The remainder are either Boolean- or nominal-valued.

Attribute Information:

- 1. name: Name of the country concerned
- 2. landmass: 1=N.America, 2=S.America, 3=Europe, 4=Africa, 4=Asia, 6=Oceania
- 3. zone: Geographic quadrant, based on Greenwich and the Equator; 1=NE, 2=SE, 3=SW, 4=NW
- 4. area: in thousands of square km
- 5. population: in round millions
- 6. language: 1=English, 2=Spanish, 3=French, 4=German, 5=Slavic, 6=Other Indo-European, 7=Chinese,
- 8=Arabic, 9=Japanese/Turkish/Finnish/Magyar, 10=Others
- 7. religion: 0=Catholic, 1=Other Christian, 2=Muslim, 3=Buddhist, 4=Hindu, 5=Ethnic, 6=Marxist, 7=Others
- 8. bars: Number of vertical bars in the flag
- 9. stripes: Number of horizontal stripes in the flag
- 10. colours: Number of different colours in the flag
- 11. red: 0 if red absent, 1 if red present in the flag
- 12. green: same for green
- 13. blue: same for blue
- 14. gold: same for gold (also yellow)
- 15. white: same for white
- 16. black: same for black
- 17. orange: same for orange (also brown)
- 18. mainhue: predominant colour in the flag (tie-breaks decided by taking the topmost hue, if that fails then the most central hue, and if that fails the leftmost hue)
- 19. circles: Number of circles in the flag
- 20. crosses: Number of (upright) crosses
- 21. saltires: Number of diagonal crosses
- 22. quarters: Number of quartered sections
- 23. sunstars: Number of sun or star symbols
- 24. crescent: 1 if a crescent moon symbol present, else 0
- 25. triangle: 1 if any triangles present, 0 otherwise
- 26. icon: 1 if an inanimate image present (e.g., a boat), otherwise 0
- 27. animate: 1 if an animate image (e.g., an eagle, a tree, a human hand) present, 0 otherwise
- 28. text: 1 if any letters or writing on the flag (e.g., a motto or slogan), 0 otherwise
- 29. topleft: colour in the top-left corner (moving right to decide tie-breaks)
- 30. botright: Colour in the bottom-left corner (moving left to decide tie-breaks)

Relevant Papers:

Forsyth's PC/BEAGLE User's Guide.

Papers That Cite This Data Set¹:



George H. John and Ron Kohavi and Karl Pfleger. <u>Irrelevant Features and the Subset Selection Problem</u>. ICML. 1994. [View Context].

Ron Kohavi and George H. John and Richard Long and David Manley and Karl Pfleger. <u>MLC++: A Machine Learning Library in C</u>. ICTAI. 1994. [View Context].

WI/odzisl/aw Duch and Karol Grudzi nski and Grzegorz Stawski. <u>SYMBOLIC FEATURES IN NEURAL NETWORKS</u>. Department of Computer Methods, Nicolaus Copernicus University. [View Context].

Citation Request:

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[1] Papers were automatically harvested and associated with this data set, in collaboration with Rexa.info



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